



ANNULUS PRESSURE RELIEF SYSTEM (APRS)

TECHNICAL DATA

Purpose of use	Annulus Pressure Relief System for on- and offshore oil and gas well intervention and stimulation processes.	
Description	The APR unit is an assembly containing one bursting disc unit in a special housing contained in between two flanged interfacing components, assembled with bolts and gaskets. APR units are normally used in a tandem arrangement which enables one unit being serviced while the other unit is active.	
Model specific data		
APRS Model	0143.01.G3-24902	0143.02.G3-28426
Max. working pressure	7 000 PSI (483 bar)	10 000 PSI (690 bar)
Temperature range	-18°C - +40°C	-18°C - +40°C
Bursting pressure	Per request (500 - 7 000 PSI)	Per request (500 - 10 000 PSI)
Gasket type	R26 (AISI316)	BX152 (Soft iron)
Design standard	ASME B31.3	API 6A
Common data		
End connections	WECO Type 1502, Size 2 in, Female end connector	
Material specifications	Flange pipe	AISI 304
	Flange Bolts	ASTM A320 L7 HDG
	Flange Nuts	ASTM A194 7 HDG
	Bursting Disc	AISI 316
	Bursting Disc housing	AISI 304
	Sealing ring - End connections	Nitrile rubber
Applicable standards	EN 10204 / 3.1	Material certification
	EN ISO 4126-2	Bursting disc
	2014/68/EU	Bursting disc holder and integration
	API 6A	Flanged connection design
	ASME B31.3	Code for Pressure piping
Type approval	DNVGL-OS-E201	Oil and gas processing systems
	DNV·GL, Certificate TAP0000190	

Date	Sign.	Remarks
2020-08-25	TPA	Released

